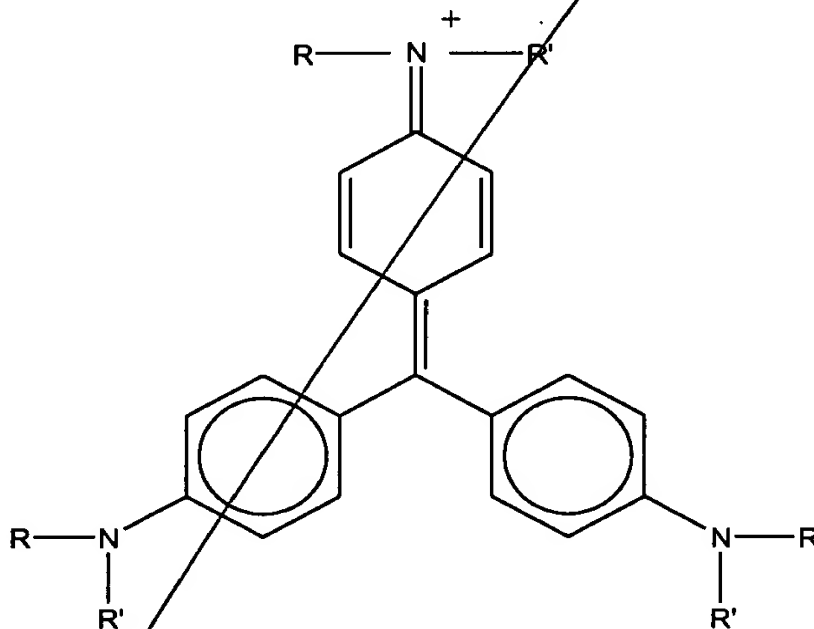


6. (Once Amended) A method of selectively killing cancer cells or inhibiting growth of cancer cells in a mixture of cancerous and non-cancerous cells, the method comprising:

(a) contacting the mixture of cancerous and non-cancerous cells with an effective amount of a compound having the structure:



wherein each R and R' is independently selected from the group consisting of hydrogen and methyl groups, and further wherein the compound exhibits preferential uptake by the cancerous cells compared with the non-cancerous cells; and

(b) exposing the mixture of cancerous and non-cancerous cells from (a) to light of a suitable wavelength to photoactivate the compound, wherein the compound exhibits selective phototoxicity toward the cancerous cells over the non-cancerous cells.

Please add the following claims:

11. The method of claim 6, wherein the cancerous cells are leukemia cells.
12. The method of claim 6, wherein the mixture is exposed to the light for up to 90 minutes.
13. The method of claim 6, wherein the mixture is exposed to the light for a period of 10 to 60 minutes.